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Application No.: 10/627,399

Filed: 25 July 2003

CLAIMS OF THE APPLICATION:

- 1. (original) An amorphous form of 3-[2-(dimethylamino) ethyl]-N-methyl-1H-indole-5-methane sulfonamide succinate (Sumatriptan succinate).
- 2. (currently amended) <u>The An amorphous form of Sumatriptan succinate of according to claim 1, which is substantially in accordance with that characterized by an X-ray powder diffraction pattern of Figure (1).</u>
- 3. (currently amended) A process for the preparation of an amorphous form of 3-[2-(dimethylamino) ethyl]-N-methyl-1H-indole-5-methane sulfonamide succinate (Sumatriptan succinate), of claim 1 which comprises:
- a) heating to refluxing an aqueous mixture of Sumatriptan in \underline{a} C₁-C₅ straight or branched chain alcoholic solvents; or in \underline{a} nitrile solvents of formula RCN, wherein R is \underline{a} C₁-C₅ alkyl group;
 - b) adding succinic acid to the mixture in step a); and
- c) adding a water immiscible aliphatic or alicyclic hydrocarbon solvent to the mixture residue obtained in step (b).
- 4. (currently amended) A process for the preparation of an amorphous form of 3-[2-(dimethylamino) ethyl]-N-methyl-1H-indole-5-methane sulfonamide succinate (Sumatriptan succinate), of claim 1 which comprises:
- a) <u>heating to</u> refluxing an aqueous mixture of Sumatriptan succinate in <u>a</u> C₁-C₅ straight or branched chain alcoholic solvents; and
- b) adding a water immiscible aliphatic or alicyclic hydrocarbon solvent to the mixture residue obtained in step (a).
- 5. (currently amended) The process <u>according to</u> of claim 3, wherein the Sumatriptan <u>succinate in according to</u> step (a) is crystalline.

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- 6. (currently amended) The process <u>according to</u> of claim 4, wherein the Sumatriptan succinate <u>in step a</u>) is crystalline.
- 7. (currently amended) The process according to claim 3, wherein the straight or branched chain alcoholic solvents are is selected from one or more of the group consisting of methanol, ethanol, n-propanol, iso-propanol, n-butanol, 2-butanol, and 2-pentanol.
- 8. (currently amended) The process according to claim 4, wherein the straight or branched chain alcoholic solvents-are is selected from one or more of the group consisting of methanol, ethanol, n-propanol, iso-propanol, n-butanol, 2-butanol, and 2-pentanol.
- 9. (currently amended) The process according to claim 3, wherein the nitrile solvents are is selected from the group consisting of acetonitrile, propionitrile, and mixtures thereof.
- 10. (currently amended) The process according to claim 4, wherein <u>the</u> nitrile solvents are <u>is</u> selected from the group consisting of acetonitrile, propionitrile, and mixtures thereof.
- 11. (original) The process according to claim 7, wherein the alcoholic solvent is methanol.
- 12. (original) The process according to claim 8, wherein the alcoholic solvent is methanol.
- 13. (currently amended) The process according to claim 9, wherein the nitrile solvent is acetonitrile.

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- 14. (currently amended) The process according to claim 10, wherein the nitrile solvent is acetonitrile.
- 15. (original) The process according to claim 3, wherein the water immiscible aliphatic or alicyclic hydrocarbon solvent is selected from the group consisting of petroleum ether, hexane, cyclohexane, heptane, and mixtures thereof.
- 16. (original) The process according to claim 4, wherein the water immiscible aliphatic or alicyclic hydrocarbon solvent is selected from the group consisting of petroleum ether, hexane, cyclohexane, heptane, and mixtures thereof.
- 17. (original) The process according to claim 15, wherein the water immiscible aliphatic or alicyclic hydrocarbon solvent is cyclohexane.
- 18. (original) The process according to claim 16, wherein the water immiscible aliphatic or alicyclic hydrocarbon solvent is cyclohexane.